

ADDENDUM #2

EAST HARTFORD MULTI-USE TRAIL Bid No. 16-02 TOWN OF EAST HARTFORD

July 13, 2015

The following summarizes the revisions to the Bid Documents included in Addendum #2 for the East Hartford Multi-Use Trail Project (Bid No. 16-02).

- Add Special Provision for Item #0520038A
- Replace third page of bid sheets to reflect revised Item # 0520038A (page 29 of 627)
- Replace special provision for Item #0906202A to reflect revision to type of fasteners
- Replace special provision for Item #0906203A to reflect revision to type of fasteners
- Replace sheet S-3 to reflect the removal of the wood rail fence notes.
- Replace Sheet MD-1 to reflect revisions to type and size of steel tubes for Removable Barrier Post.

Revised Bid Documents:

- Add Special Provision for Item #0520038A
- Replace third page of bid sheets
- Replace special provision for Item #0906202A
- Replace special provision for Item #0906203A
- Replace Plan Sheet S-3
- Replace Plan Sheet MD-1

Bidder's Questions:

Question 1: (Previously asked in addendum #1)

What are the work hour restrictions associated with the reconstruction of the exit ramp from Route 2 eastbound at Riverside Drive?

Answer:

The contractor will not be permitted to perform any work which will interfere with traffic operations on the exit ramp Monday through Friday between 6:00 a.m. and 9:00 a.m. and between 3:00 p.m. and 6:00 p.m. and Saturday and Sunday between 10:00 a.m. and 6:00 p.m.

Question 2

Item # 0520038 Preformed Silicone Joint Sealant. Plans make reference to "Special Provisions" for Specifications. There are no "Special Provisions" that refer to item # 0520038. Please provide specifications.

Answer:

The special provision is attached to this addendum and the revised bid sheet is attached.

Question 3

Item 0901004A Removable Bollard Post: Please provide a vendor to supply TS 5-1/8" x 1/4" for embedded post fabrication per details or provide alternate manufactured tube steel sizes that will fit into each other. Would a prefabricated removable or hinged bollard be acceptable?

Answer:

The tube sizes have been modified to HSS 6" x 0.312" and HSS 5" x 0.25". An updated plan sheet is attached. Bid should include bollard as specified.

Question 4

Item 0906202A & 0906203A Wood Rail Fence: Please clarify the type of fasteners required for these items required for these items. Specs call for stainless steel, but also state per details. The MD-3 Sheet 12 detail calls for galvanized fasteners. Please clarify the type of wood required. The specs call for #2 grade, but the detail drawing on S-3 Sheet 46 calls for #1 grade or better.

Answer:

The fasteners shall be galvanized as per the details, the revised specification for Item 0906202A and Item 0906203A are attached.

The wood shall be #2 grade as per the specification, a revised Sheet S-3 is attached that removes the wood rail fence notes.

Question 5

Item 0913011A 5' Chain Link Fence: Can round steel posts and rails in conformance to state detail 913-A be used in lieu of aluminum? Please clarify if stainless steel or galvanized anchors are to be used for mounting base plates. Are domestic fasteners required for fence items or will import fasteners be acceptable?

Answer:

Round steel posts and rails cannot be used, the posts and rails shall be square as per the detail. All posts and rails shall be aluminum as per the detail. Stainless steel anchors are to be used for mounting the base plates as per the details. All fasteners shall be domestic, imported fasteners will not be allowed.

BIDDERS ARE TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE ITEMIZED PROPSOAL OF THE BID DOCUMENTS.

End of Addendum #2

Item #	Description	Estimated Quantity 42-300	Estimated Quantity 42-301	Estimated Quantity Total	Unit Price {in numbers}	Extended Amount {in numbers}
507026	Type "C" Catch Basin with 4' Sump	1 EA	0 EA	1 EA	Per EA	
507097	Type "C-L" Catch Basin with 4' Sump	4 EA	0 EA	4 EA	Per EA	
507201	Type "C-L" Catch Basin	0 EA	1 EA	1 EA	Per EA	
507567	Manhole Frame and Cover	1 EA	0 EA	1 EA	Per EA	
507701	Reset Type "C" Catch Basin	3 EA	0 EA	3 EA	Per EA	
507781A	Reset Manhole (Drainage)	1 EA	0 EA	1 EA	Per EA	
507831	Convert Catch Basin to Manhole	3 EA	0 EA	3 EA	Per EA	
511203	PVC Plastic Pipe Weep hole	0 EA	21 EA	21 EA	Per EA	
520038A	Preformed Silicone Joint Sealant	0 LF	70 LF	70 LF	Per LF	
601000	Class "A" Concrete	0 CY	181 CY	181 CY	Per CY	
602000	Deformed Steel Bars	0 LB	27,150 LB	27,150 LB	Per LB	
603802	Structural Steel – Sign Supports	0 CWT	4 CWT	4 CWT	Per CWT	
651001	Bedding Material	20 CY	10 CY	30 CY	Per CY	
651012	15" Reinforced Concrete Pipe	100 LF	0 LF	100 LF	Per LF	
	SUBTOTAL THIS PAGE ==>					

ITEM #0520038A – PREFORMED SILICONE JOINT SEALING SYSTEM

DESCRIPTION

The work under this item shall consist of furnishing and installing a preformed silicone joint sealing system as shown on the Contract Drawings and in conformance with these specifications or as directed by the Engineer.

MATERIALS

Preformed joint sealant shall meet the requirement of Section M.03.01 of the Standard Specifications.

CONSTRUCTION METHODS

The Preformed Silicone Joint Sealing System shall be completely installed following the recommended procedures by its Manufacturer.

The Preformed Silicone Joint Sealing System shall be installed at the locations shown on the plans. Tools, equipment, and techniques used to prepare the joints shall be approved by the Engineer prior to the start of construction.

The minimum temperature for installing the Preformed Silicone Joint Seal is 40 degrees Fahrenheit and rising ambient air temperature. The joint surface shall be completely dry before installing the Preformed Silicone Joint Seal. The Preformed Silicone Joint Seal shall not be installed immediately after precipitation or if precipitation is forecasted for the day. Joint preparation and installation of the Preformed Silicone Joint Seal must be done during the same day.

METHOD OF MEASUREMENT

This work will be measured for payment by the number of linear feet of Preformed Silicone Joint Sealing System installed.

BASIS OF PAYMENT

This work will be paid for at the contract unit price per linear foot for "Preformed Silicone Joint Sealing System", complete in place all materials, equipment, tools, and labor incidental to both constructions.

ITEM #0906202A – WOOD RAIL FENCE

DESCRIPTION

The work under this item shall consist of furnishing and installing wood posts, rail and fence at the locations given on the plans and in accordance with the dimensions and details shown on the plans, or as ordered by the Engineer.

MATERIALS

- A. All lumber shall conform to Voluntary Product Standard PS-70 and be certified according to applicable standard grading and dressing rules and shall bear the official grade and or/ trademark of the association under whose rules it is produced.
- B. Wood: See details for post and rail nominal dimensions. All wood shall be #2 Southern Yellow Pine (Southern Pine Inspection Bureau Grading), or equal. All wood to be new, solid, sound, and surface dry with a maximum moisture content of 19%. All wood shall be clearly marked with the official grading information.
- C. Fasteners: All fasteners, bolts, screws, washers, and nails shall be galvanized steel. Nuts shall be steel hex nuts conforming to the requirements of ANSI-B18.22.2.
- D. Treatment: All wood shall be pressure treated wood. Pressure treatment shall be ACQ-D in accordance with AWWA, 0.40 pounds per cubic foot. Wood shall be of the sizes shown on the drawings. All wood to be dressed four sides (S4S). Edges on the exposed decking shall be eased. Ends of all members shall be pressure treated.

CONSTRUCTION METHODS

The posts shall be set in holes dug in thoroughly compacted soil and the bottom of the hole shall be thoroughly rammed so that the posts will have a stable foundation. Holes shall be hand dug when fencing is within (5) feet any utilities.

Should rock or boulders be encountered in making the excavation, this material shall be removed so as to make a hole of sufficient size to set the posts to the normal depth as called for on the plan.

The posts shall be spaced as shown on the plans, set plumb, and normally with the front face at a uniform distance from the edge of the travel way.

The holes shall be backfilled with an approved material which shall be thoroughly compacted. The fence shall be mounted on the post as shown on the plans utilizing galvanized bolts to anchor the rail to the posts. The rail members shall be accurately cut so as to provide even bearing over entire surface of joints. No shimming of any kind will be allowed in making joints nor will open joints be accepted. All exposed edges of member shall be chamfered.

METHOD OF MEASUREMENT

This work shall be measured for payment by the number of linear feet of fence measured along the top rail from end to end.

BASIS OF PAYMENT

Payment for this item will be at the contract unit price bid per linear foot for “Wood Rail Fence”, complete in place, which price shall include all materials, equipment tools, and labor incidental to the installation of the completed and accepted fence, including hand dug holes, excavation and backfill.

ITEM #0906203A – WOOD RAIL FENCE MOUNTED ON WALL

DESCRIPTION

The work under this item shall consist of furnishing and installing wood posts and rail on retaining walls at the locations given on the plans and in accordance with the dimensions and details shown on the plans, or as ordered by the Engineer.

MATERIALS

- A. All lumber shall conform to Voluntary Product Standard PS-70 and be certified according to applicable standard grading and dressing rules and shall bear the official grade and or/ trademark of the association under whose rules it is produced.
- B. Wood: See details for post and rail nominal dimensions. All wood shall be #2 Southern Yellow Pine (Southern Pine Inspection Bureau Grading), or equal. All wood to be new, solid, sound, and surface dry with a maximum moisture content of 19%. All wood shall be clearly marked with the official grading information.
- C. Fasteners: All fasteners, bolts, screws, washers, and nails shall be galvanized steel. Nuts shall be steel hex nuts conforming to the requirements of ANSI-B18.22.2.
- D. Treatment: All wood shall be pressure treated wood. Pressure treatment shall be ACQ-D in accordance with AWP, 0.40 pounds per cubic foot. Wood shall be of the sizes shown on the drawings. All wood to be dressed four sides (S4S). Edges on the exposed decking shall be eased. Ends of all members shall be pressure treated.
- E. Post Base Plate, HSS Tubing and Stop Log Channels: A36 steel galvanized in accordance with ASTM A123. All bolts and related hardware shall be galvanized in accordance with ASTM A153.

CONSTRUCTION METHODS

The posts shall be installed as per the details shown on the plans. Embedment holes shall be drilled and prepared in accordance with adhesive grout manufacturer.

The posts shall be spaced as shown on the plans, set plumb, and normally with the front face at a uniform distance from the edge of the travel way.

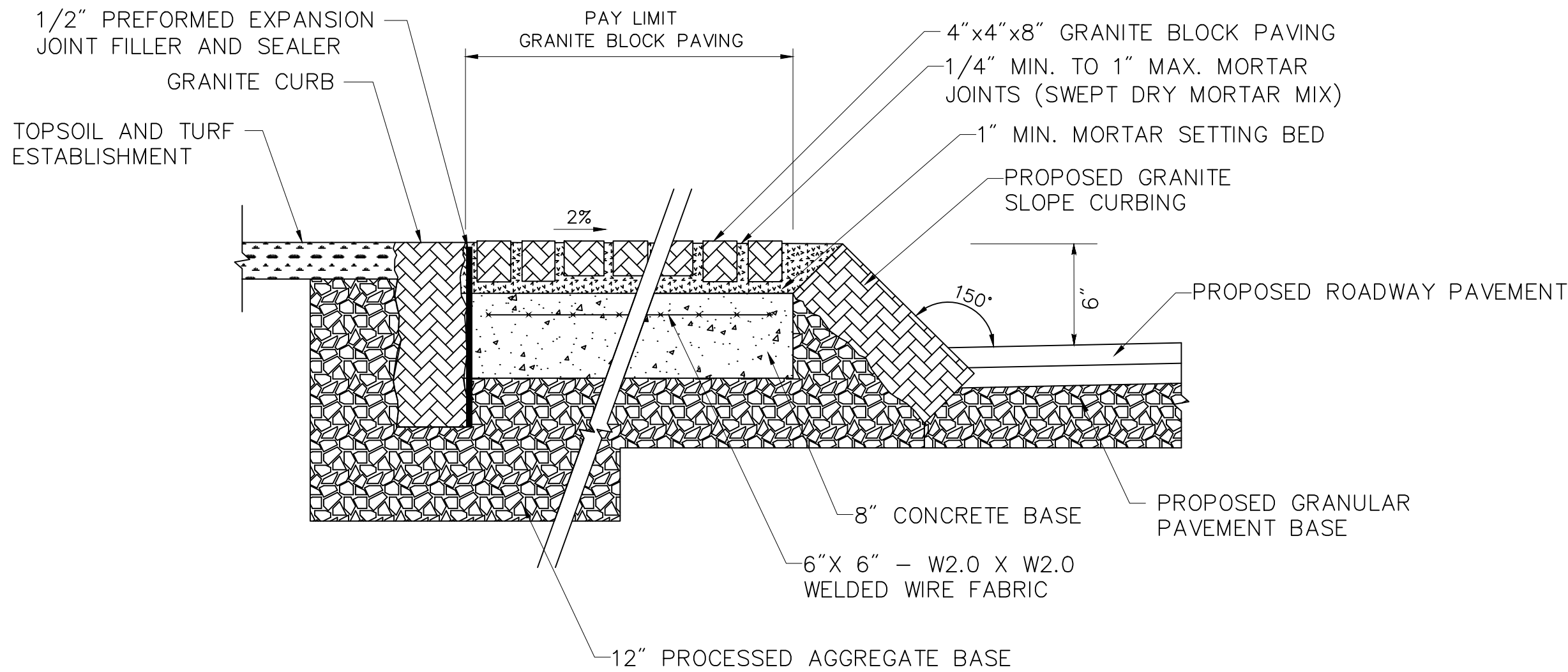
The contractor shall cut the post base to fit snugly within the base plate tube steel. The fence shall be mounted on the post as shown on the plans utilizing galvanized bolts to anchor the rail to the posts. The rail members shall be accurately cut so as to provide even bearing over entire surface of joints. No shimming of any kind will be allowed in making joints nor will open joints be accepted. All exposed edges of member shall be chamfered.

METHOD OF MEASUREMENT

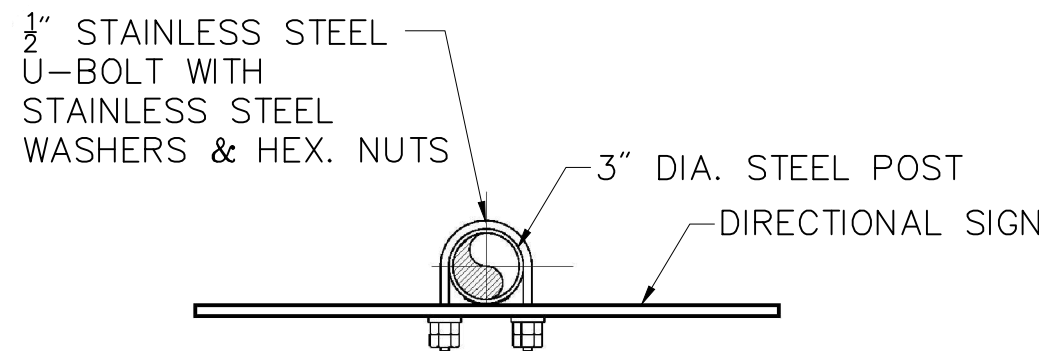
This work shall be measured for payment by the number of linear feet of fence measured along the top rail from end to end.

BASIS OF PAYMENT

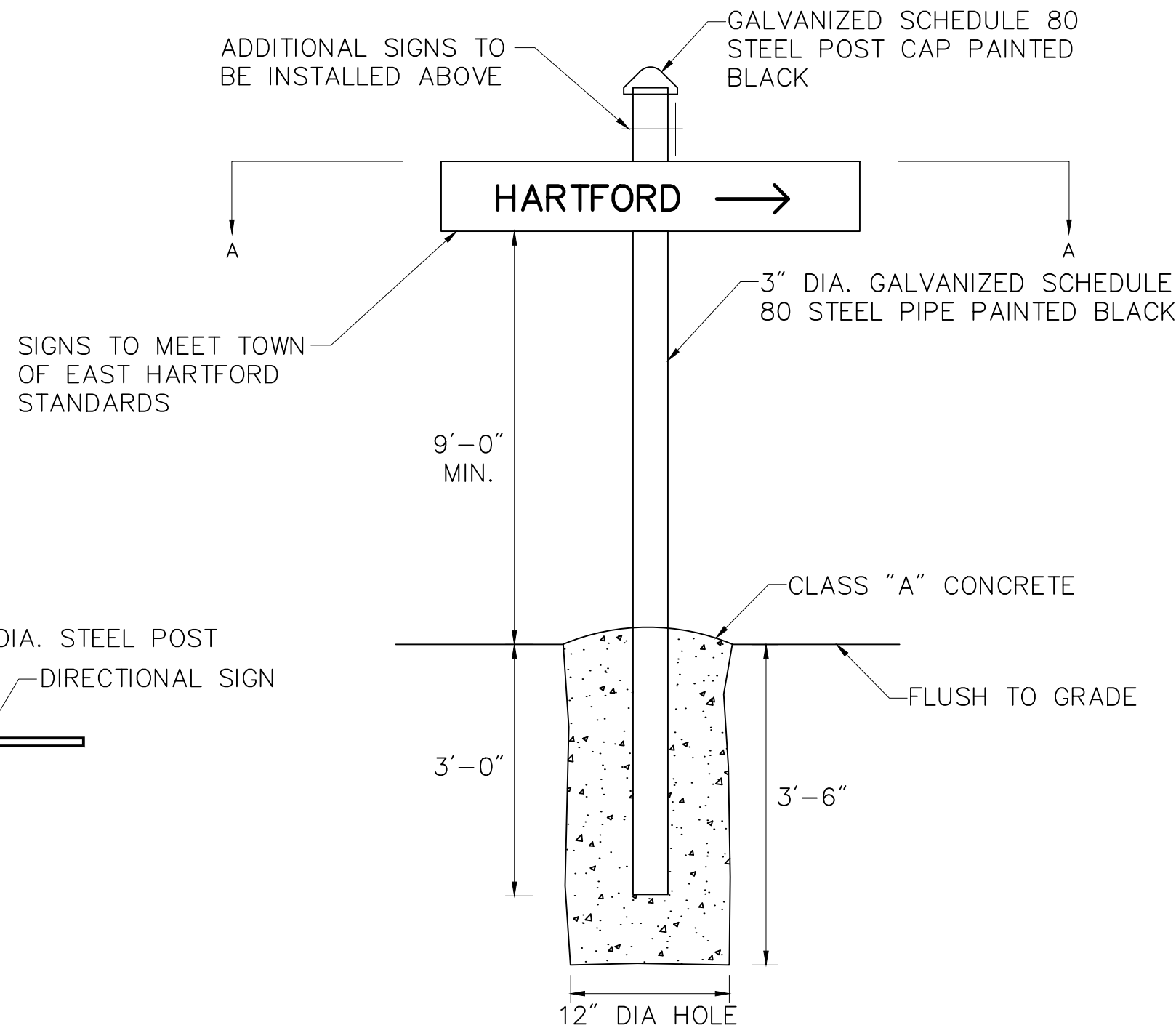
Payment for this item will be at the contract unit price bid per linear foot for “Wood Rail Fence Mounted on Wall”, complete in place, which price shall include all materials, equipment tools, and labor incidental to the installation of the completed and accepted fence.



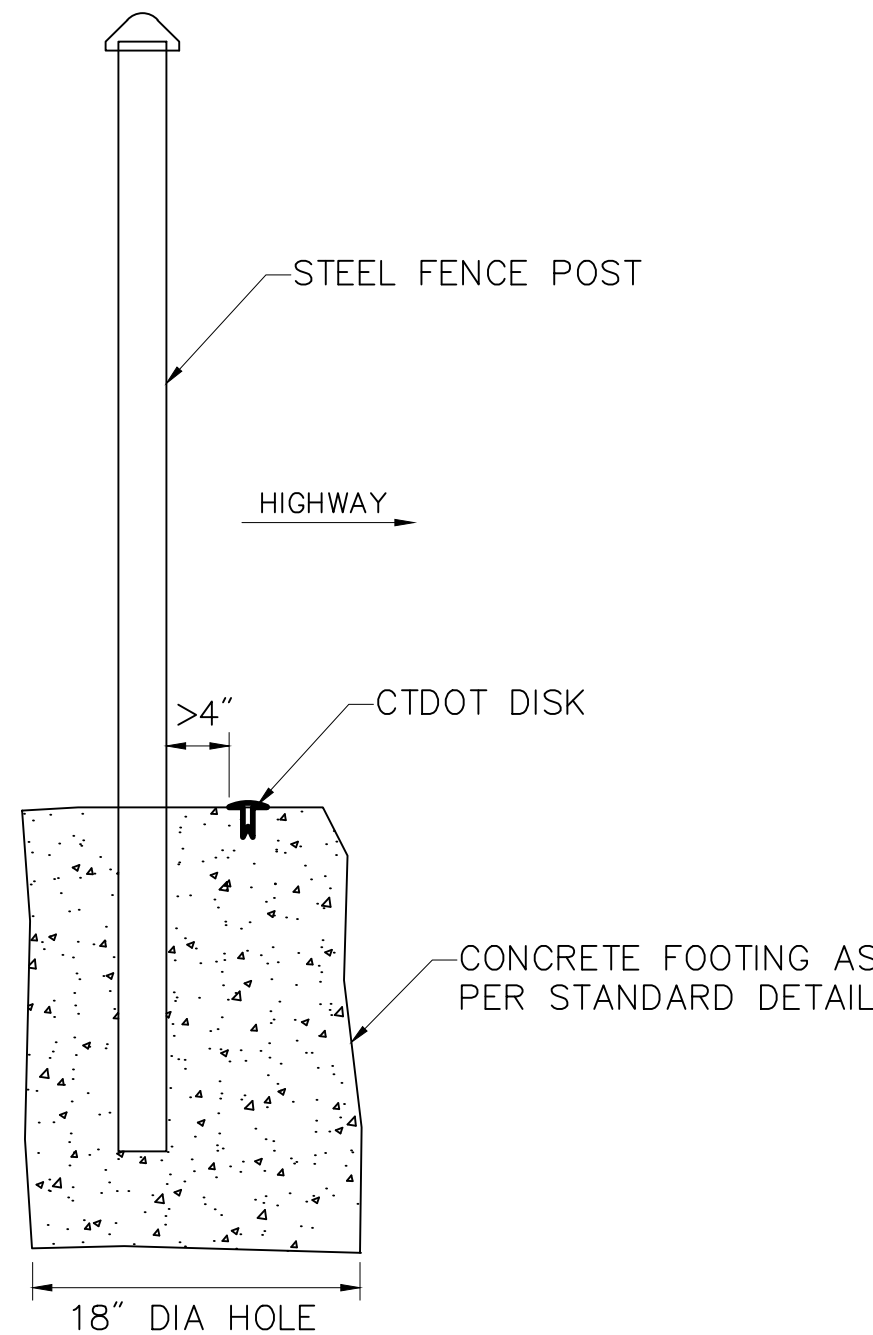
GRANITE BLOCK PAVING
NOT TO SCALE



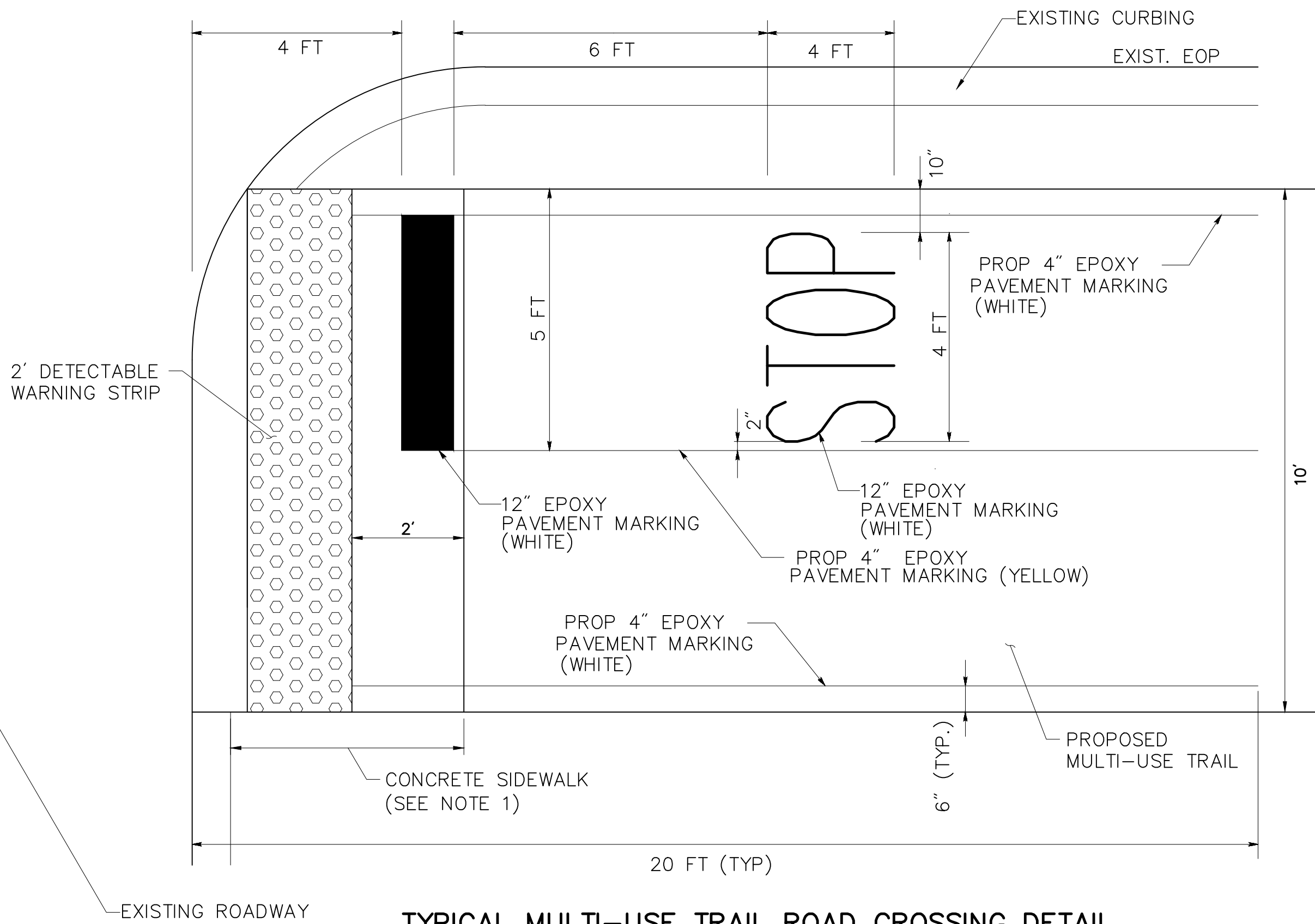
SECTION A-A



DIRECTIONAL SIGN INSTALLATION DETAIL
NOT TO SCALE

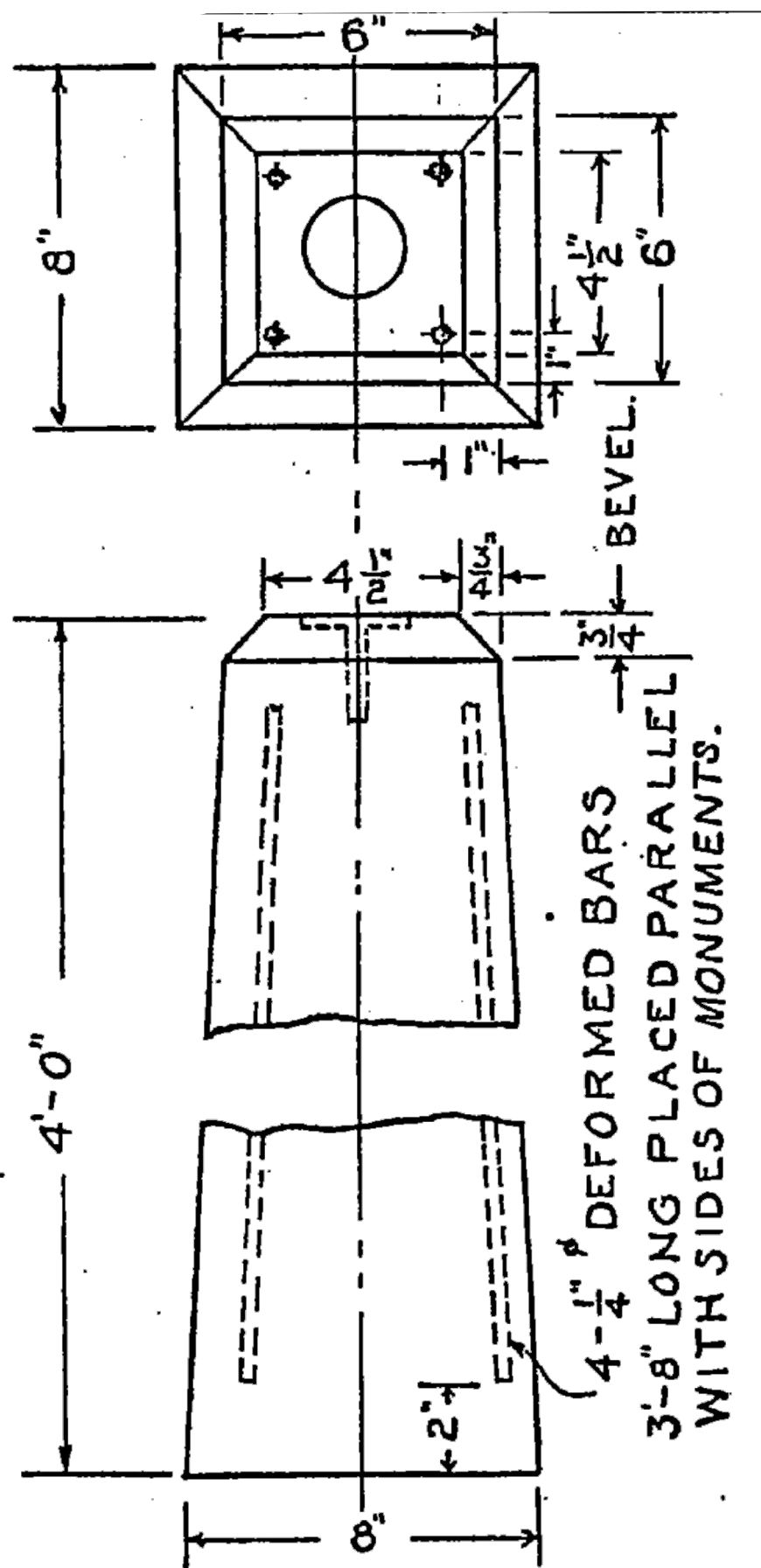


BRASS DISK INSTALLATION DETAIL
NOT TO SCALE

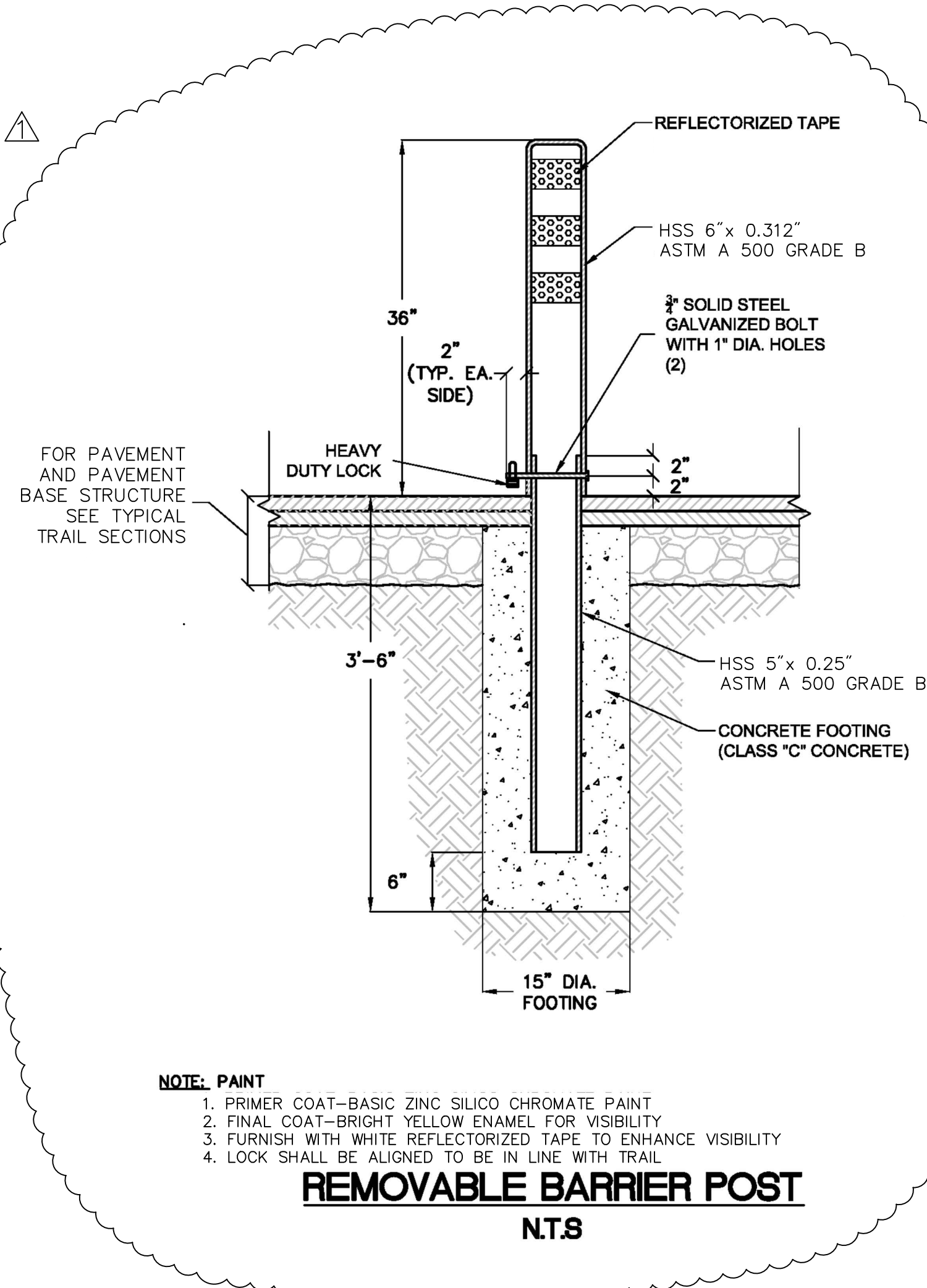


TYPICAL MULTI-USE TRAIL ROAD CROSSING DETAIL
NOT TO SCALE

- NOTES:
- DETECTABLE WARNING STRIP TO BE INSTALLED AS PER SIDEWALK RAMP DETAILS
 - DETECTABLE WARNING STRIP AND CONCRETE SIDEWALK TO BE PAID FOR UNDER "CONCRETE SIDEWALK"



CONCRETE SURVEY MONUMENT
NOT TO SCALE

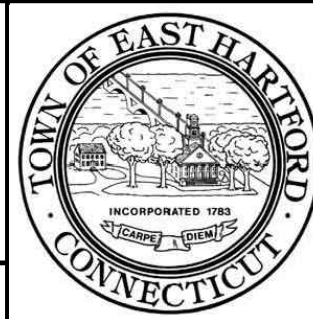


REMOVABLE BARRIER POST
NTS

7-15-15	REVISED BOLLARD DETAIL	10
REV.	DATE	DESCRIPTION
		REVISIONS

DESIGNER: EN
DRAFTER: EN
CHECKED BY: CF
APPROVED BY: SON

Vanasse Hangen Brustlin, Inc.
Transportation Land Development Environmental Services



PROJECT TITLE:
EAST HARTFORD MULTI-USE TRAIL CHARTER OAK BRIDGE TO WILLOW ST./MAIN ST. SILVER LANE/SIMMONS RD. TO FORBES ST.
CADD: MDS-00000-V4101900.dwg

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
MISCELLANEOUS DETAILS

PROJECT NO.:
42-300/301
DRAWING NO.:
MD-1
SHEET NO.:
10

